

## DAT notes for 2 June 2011

Attendees: Angela Llaban and Francine Mejia, Reza Shahcheraghi, and Andy Chu (DWR), Geir Aasen and Julio Adib-Samii (DFG), Leigh Bartoo and Jonathan Speegle (USFWS), Owen Lu and RG Fernando(MWD), Lucinda Shih (CCWD)

## DFG & USFWS TRAP REPORT

Knight's Landing RST: May 25-31, 2011

Flows are around 14,000 cfs and temperature is about 62°F. Catch decreased compared to early May. Total daily catch is <10 fish, which consists of mostly fall run Chinook and a few hatchery Chinook, most likely from Coleman NFH.

Chinook monitoring data can be found at: <http://www.water.ca.gov/swp/operationscontrol/calfed/calfedmonitoring.cfm>

## USFWS TRAWL & SEINE REPORT

Salmonids- USFWS Trawl and Seine Report for 05/22/2011 to 05/28/2011				
Species*	Chipps Is MWTR	Sacramento KDTR	Mosssdale KDTR	Beach Seines
CHNF	344	23		43
CHNLF	0	0		0
CHNW	0	0		0
CHNS	3	0		0
CHN hatchery	70	4		6
SH wild	0	0		0
SH hatchery	0	0		0
*Species based on FL only; adipose clips indicates hatchery stock; non-adipose clip indicates in-river origin Field sampling seasons for all trawls and seines begins 1 August 2010 and ends 31 July 2011.				

Smelts and Others- USFWS Trawl and Seine Report for 05/22/2011 to 05/28/2011								
	Chipps Is		Sacramento		Mosssdale		Beach Seine	
Species	#	Size Range	#	Size Range	#	Size Range	#	Size Range
DSM	0	-	0	-		-	11	25-80mm
LFS	0		0				0	
SPT	0		0				7578	
GST	0		0				0	
WST	0		0				0	

Note: Mosssdale Trawls are being conducted by DFG Region 4. No data available for Mosssdale trawl. Delta smelt were caught in the Liberty Island (25-32mm) and Garcia Bend (80mm) beach seines.

## SALVAGE REPORT

Salmonids - Salvage report for 05/23/2011 to 05/30/2011								
Species	CVP Adipose Clip Hatchery		CVP Non-Adipose Clip Wild		SWP Adipose Clip Hatchery		SWP Non-Adipose Clip Wild	
	Salvage	Loss	Salvage	Loss	Salvage	Loss	Salvage	Loss
CHNF	76	63	512	444	195	955	507	2545
Total to Date	140	111	1991	1497	290	1362	1383	6569
CHNLF	0	0	0	0	0	0	0	0
Total to Date	224	154	160	105	469	2009	36	152
CHNW	0	0	0	0	0	0	0	0
Total to Date	150	102	841	577	312	1347	861	3783
CHNS	24	24	380	369	16	81	663	3526
Total to Date	51	48	6880	5494	16	81	9133	42114
Sum of all Races to Date	565	415	9873	7673	1087	4799	11413	52619
SH	4	-	4	-	8	-	18	-
Total to Date	213	-	128	-	504	-	429	-
*Species based on FL only; Adipose Clips indicates hatchery stock; Non-Adipose Clip indicates in-river origin								

Smelt and Others – Salvage report for 05/23/2011 to 05/30/2011		
Species	CVP Salvage	SWP Salvage
DSM	0	0
Total to Date	51	0
LFS	0	0
Total to Date	4	0
SPT	1,420,957	313,730
Total to Date	5,450,422	495,156
GST	0	0
Total to Date	0	2
WST	0	0
Total to Date	8	0

Combined season total loss of winter-run length non-clipped Chinook is 4,360. The 2% incidental take level is 6,640. The combined season total salvage for non-clipped steelhead is 557. The consultation criterion for non-clipped Steelhead is 3,000. There are a few ad-clipped steelhead salvaged that have an acoustic tag. There were no larval delta smelt or longfin smelt collected at either facility.

## SMELT MONITORING

20-mm Survey 6 was in the field last week; smelt catch tables are attached and data have been posted to <http://www.dfg.ca.gov/delta/projects.asp?ProjectID=20mm>. 20-mm Survey 7 will begin on 6/6/2011.

## SMELT WORKING GROUP

The group made no recommendations.

## DOSS

DOSS advised that implementation of the 4:1 I:E ratio continue through Tuesday, 5/31/11, per Action IV.2.1. From 6/1/11 through 6/15/11, DOSS advises that a 1:1 I:E ratio be implemented per Action IV.2.2.

DOSS also advised that the steelhead loss density observed on 5/27/11 triggered an action response under Action IV.2.3 that requires that OMR flow be no more negative than -3500 cfs for at least five days. Since OMR flows have been positive under implementation of the 4:1 I:E ratio, no operational changes were necessary over the weekend to achieve this action response under Action IV.2.3. DOSS advises that Saturday, 5/28/11, be considered Day 1 of the action response and that the Projects operate such that OMR flows be no more negative than -3,500 cfs at least through Wednesday, 6/1/2011 (the 5<sup>th</sup> day of the action response). After Wednesday, the OMR limit may be relaxed if the combined steelhead loss density at the fish facilities is reported as less than 8 fish/TAF for at least 3 consecutive days (and if no other fish density trigger is met).

## OPERATIONS

Summary for June 2, 2011			
SWP		CVP	
Clifton Court (cfs)	5,500	Jones Pumping Plant (cfs)	3,700
Outflow (cfs)	37,100	American- Nimbus (cfs)	5,000
Oroville (cfs)	6,000	Keswick (cfs)	13,000
San Luis Total (TAF)	1,827	Goodwin (cfs)	
San Luis Share(TAF)	932	San Luis Share (TAF)	
X2 (Km)	60		
E/I (%)	11.9		
OMR (daily)			
OMR 5 day (cfs)	1,891		
OMR 14 day (cfs)	2,460		

Daily operations summary can be viewed at: <http://www.water.ca.gov/swp/operationscontrol/docs/delta/deltaops.pdf>